

IN THE SPECIFICATION

Page 7, between lines 16 and 17, please add the following new paragraph:

---Since the PCM in the embodiment of FIGURE 1 is paraffin and can fully fill the available space within the cavity, it inherently has the characteristic of being free from substantial movement within the cavity when it is in its solid phase. In addition, it will be recognized that the paraffin will be free from substantial movement within the cavity even when it is in its liquid phase. In any case, it will be recognized that no PCM movement within the chamber is needed for proper operation of the disclosed embodiments.---

IN THE CLAIMS

Please implement the amendments to the claims which are set forth below. Amendments made by this paper are indicated by bold type. For the convenience of the Examiner, all of the pending claims are set forth below, whether amended or not. Further, the claims are set forth in logical order, rather than in numerical order.

1. An apparatus comprising a heat sink which in its entirety can absorb heat over time, said heat sink including:

(a) an enclosure defining an enclosed cavity and having a highly thermally conductive portion composed of a composite of highly thermally conductive fibers disposed in a matrix;

(b) a plurality of said fibers extending externally of said matrix and into said cavity to provide a porous, highly thermally conductive material integral with and thermally coupled to said highly thermally conductive portion and disposed in said cavity, said porous material being said plurality of said thermally conductive fibers extending from said matrix into said cavity, and